

Converting Colors

$Yxy(62.3987, 0.3264, 0.2932)$

Have a look what the booklet for
Yxy(62.3987, 0.3264, 0.2932)
contains.

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Color

Yxy(62.5632, 0.3262, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	F2C1E3
RGB	242, 193, 227
RGB Percent	95%, 76%, 89%
CMY	0.0510, 0.2431, 0.1096
CMYK	0.00, 0.20, 0.06, 0.05
HSL	318°, 65%, 85%
HSV	318°, 20%, 95%
XYZ	69.5573, 62.5632, 81.1147
YIQ	211.5270, 18.2900, 20.9620

Conversions

Conversions Part 2

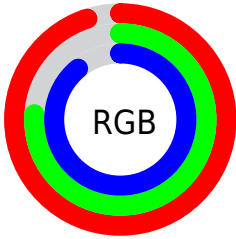
Format	Color
R _Y B	242, 193, 227
Decimal	15909347
CIE Lab	83.21, 22.94, -10.25
CIE LCh	83, 25.127, 335.926
Yxy	62.5632, 0.3262, 0.2934
Android (android.graphics.Color)	4294099427 (0xFFFF2C1E3)
YUV	211.5270, 7.6282, 26.7248
Hunter-Lab	79.0969, 18.5522, -5.4347

Details

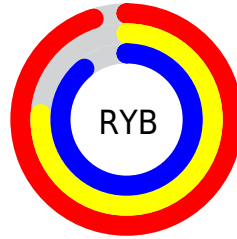
The Yxy color **62.5632, 0.3262, 0.2934** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.3931, 0.3014, 0.3675**, and the grayscale version is **65.4503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.7581, 0.3285, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **52.3283, 0.3346, 0.2751**, and if you desaturate by 10%, it is **74.5717, 0.3190, 0.3114**.

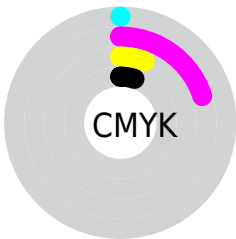
Distribution



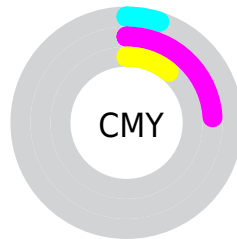
- Red (95%)
- Green (76%)
- Blue (89%)



- Red (95%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5632, 0.3262, 0.2934 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.5632, 0.3262, 0.2934 by changing the saturation by 10% instead.


 62.5632, 0.3262,
0.2934

 62.5632, 0.3262,
0.2934


433.9825, 0.3200,
0.3098

 45.4879, 0.3276,
0.2897


 108.5391, 0.3241,
0.2991

 31.8419, 0.3293,
0.2851


138.2085, 0.3232,
0.3013

 21.2408, 0.3315,
0.2792


172.8448, 0.3225,
0.3032

 13.3001, 0.3343,
0.2716

212.8323, 0.3219,
0.3049

 7.6355, 0.3380,
0.2613

258.5554, 0.3213,
0.3063

 3.8626, 0.3434,
0.2466


310.3986, 0.3209,

 1.5970, 0.3514,


0.3076


0.2238


368.7461, 0.3204,
0.3088


 0.3556, 0.3802,
0.1503


 0.0000, 0.0000,
0.0000

 62.5632, 0.3262,
0.2934


 62.5632, 0.3262,
0.2934


 52.3283, 0.3346,
0.2751


 74.5717, 0.3190,
0.3114


 43.7735, 0.3443,
0.2572

 88.4250, 0.3129,
0.3286

 36.8091, 0.3552,
0.2404

 97.2492, 0.3080,
0.3347

 31.3339, 0.3672,
0.2258

 97.6171, 0.3047,
0.3290

■ 27.2348, 0.3799,
0.2145

■ 24.3825, 0.3931,
0.2075

■ 22.6228, 0.4062,
0.2055

■ 21.7095, 0.4185,
0.2079

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.5632, 0.2941, 0.2795



62.5632, 0.3262, 0.2934



62.5632, 0.3559, 0.3157

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.5632, 0.3262, 0.2934



62.5632, 0.3574, 0.3830



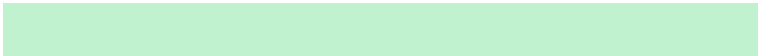
62.5632, 0.2553, 0.3109

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.5632, 0.3262, 0.2934



79.3931, 0.3014, 0.3675

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.5632, 0.2705, 0.3410



62.5632, 0.3262, 0.2934



62.5632, 0.3290, 0.3846

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.5632, 0.3262, 0.2934



62.5632, 0.3742, 0.3667



62.5632, 0.2972, 0.3690



62.5632, 0.2545, 0.2880

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5632, 0.3262, 0.2934



62.5632, 0.3696, 0.3332



62.5632, 0.2972, 0.3690



62.5632, 0.2589, 0.3205

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.5660, 0.3262, 0.2934



90.3266, 0.3163, 0.3188



57.9176, 0.2893, 0.2746



19.1182, 0.3167, 0.3176



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5660, 0.3262, 0.2934



65.8295, 0.3293, 0.2864



61.3197, 0.3452, 0.3186



15.9445, 0.3185, 0.3127



11.6881, 0.4165, 0.2068



0.9900, 0.4008, 0.1982

Inverse Universe

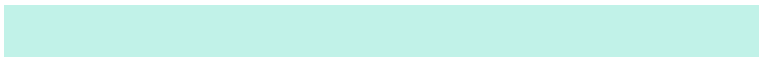
The Inverse Universe completely reimagines the original color for something new.



62.5660, 0.3262, 0.2934



65.8295, 0.3293, 0.2864



80.6788, 0.2878, 0.3397



15.9445, 0.3185, 0.3127



11.6881, 0.4165, 0.2068



0.9900, 0.4008, 0.1982

Previews

White Background



This preview shows how the Yxy color 62.5632, 0.3262, 0.2934 looks on a white background.

Color Contrast Check

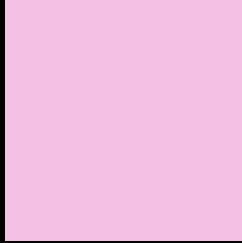
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.5632, 0.3262, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

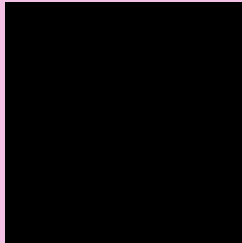
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5632, 0.3262, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 62.5632, 0.3262, 0.2934.



This preview shows how white text looks on a background with the Yxy color 62.5632, 0.3262, 0.2934.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.5632, 0.3262, 0.2934

Protanopia

62.8373, 0.2910, 0.2964

Deuteranopia

62.8929, 0.3101, 0.3037



Tritanopia

62.7083, 0.3366, 0.3130

Trichromacy



Original Color

62.5632, 0.3262, 0.2934

Protanomaly

62.3512, 0.3030, 0.2949

Deuteranomaly

62.8318, 0.3156, 0.2998

Tritanomaly

62.7407, 0.3329, 0.3057

Monochromacy



Original Color

62.5632, 0.3262, 0.2934

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.3604, 0.3179, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5632, 0.3262, 0.2934 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 193, 227)` looks like.

```
.text, #text, p{  
    color:rgb(242, 193, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 193, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 227) }
```

Border

The CSS property to change the border of an element to Yxy 62.5632, 0.3262, 0.2934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 193, 227) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 193, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 193, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 193, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 193, 227);  
box-shadow:4px 4px 4px 4px rgb(242, 193,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5632, 0.3262, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 193, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
193, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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